

STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 7/28/2015, 7/29/2015	Man Days: 2
Inspection Unit: Lincoln Storage	
Location of Audit: Lincoln	
Exit Meeting Contact: Kevin Glaspy	
Inspection Type: Standard Inspection - Record Audit	
Pipeline Safety Representative(s): Charles Gribbins	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

Headquarters Address Information:	300 Liberty Peoria, IL 61602 Emergency Phone#: (800) 755-5000 Fax#:	
Official or Mayor's Name:	Ron Pate Phone#: (217) 424-6518 Email:	
Inspection Contact(s)	Title	Phone No.
Kevin Glaspy	Quality Assurance Consultant	(217) 820-4221
Bob Roth	Superintendent of Quality Assurance	(217) 778-0785

Gas System Operations	Status
Gas Transporter	Panhandle Eastern
Miles of Main	See comment section
<u>General Comment:</u> 2" 97.3' 3" 573.8' 4" 1464.6' 6" 11177.6' 8" 10062.2' 10" 58.1' 12" 3948.1' 16" 479.2'	

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Confirm Operator's Potential Impact Radius Calculations	See comment section
<u>General Comment:</u> 4.5" PIR 89.62' with 10% 98.58' 6.625" PIR 131.93' with 10% 145.13' 8.625" PIR 171.76' with 10% 188.94' 12.75" PIR 253.91' with 10% 279.30' 16" PIR 318.63' with 10% 350.50'	
Annual Report (Form 7100.2.1) reviewed for the year:	Satisfactory
<u>General Comment:</u> Staff reviewed Annual Report 2015	
Regulatory Reporting Records	Status
[191.5]	Were Telephonic Notices of Incidents reported to the NRC (800-424-8802)?
Not Applicable	
<u>General Comment:</u> No incidents occurred in the storage field that require reporting per Part 191 requirements.	
[191.15(a)]	Was a DOT Incident Report Form F7100.2 submitted within 30 days after detection of an incident?
Not Applicable	
<u>General Comment:</u> No incidents occurred in the storage field that required reporting per Part 191 requirements.	
[191.15(b)]	Were there any supplemental incident reports when deemed necessary?
Not Applicable	
<u>General Comment:</u> No supplemental incidents reports were required for 2014.	
[191.23(a)]	Did the operator report Safety Related Conditions?
Not Applicable	
<u>General Comment:</u> No safety related condition reports were required in 2014.	
[191.25]	Did the Operator file a Safety Related Condition Report within 5 working days of determination, but not later than 10 working days after discovery?
Not Applicable	
<u>General Comment:</u> No safety related condition reports were required in 2014.	
[192.16(c)]	Customer Notification: Has the operator notified each customer after the customer first receives gas at a particular location?
Not Applicable	
<u>General Comment:</u>	

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Customer notification is not applicable as no customers are supplied by the storage field.

TEST REQUIREMENTS		Status
[192.517(a)][192.505,192.507,192.509,192.511(c)]	Are pressure test records being maintained for piping operating above 100 psig?	Satisfactory
General Comment: Staff reviewed pressure test charts that indicated that pressure test and strength test were performed as required.		
[192.517(b)][192.511,192.509,192.513]	Are pressure test records being maintained for at least 5 years on piping operating below 100 psig?	Not Applicable
General Comment: No piping was installed in the storage field in 2014 that operates under 100 psig.		
UPRATING		Status
Category Comment: No uprating was performed in the Lincoln Storage field in 2014.		
[192.555][192.555]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of 30% or more SMYS?	Not Applicable
[192.557][192.557]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of less than 30% SMYS?	Not Applicable
OPERATIONS		Status
[192.603(b)][192.605(a)]	Has the operator conducted a review of the Operations and Maintenance Manual once per yr/15 months?	Not Checked
General Comment: The Operations and Maintenance Manual will be reviewed at the Pawnee Training Center at a later date.		
Has the operator conducted a review of the Operator Qualification Plan once per yr/15 months?		Not Checked
General Comment: The operator qualification plan was not reviewed as part of this inspection. To be reviewed at the Pawnee Training Center at a later date.		
[192.603(b)][192.605(b)(3)]	Are construction records, maps, and operating history available to operating personnel?	Satisfactory
General Comment: Staff reviewed construction records and verified records, maps and operating history at the Lincoln Storage Field.		
[192.603(b)][192.605(b)(8)]	Has the operator periodically reviewed personnel's work to determine the effectiveness of normal O&M procedures when deficiencies are found?	Satisfactory
General Comment:		

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<i>No deficiencies were identified in storage field procedures in 2014. Storage field personnel are included in the Ameren Quality Assessment program.</i>		
[192.603(b)][192.605(c)(1)(i)]	Does the operator maintain documentation for responding to, investigating, and correcting the cause of unintended closure of valves or shutdowns?	Satisfactory
<u>General Comment:</u> <i>No unintended closure of valves occurred in 2014.</i>		
[192.603(b)][192.605(c)(1)(ii)]	Does the operator maintain documentation for responding to, investigating, and correcting the cause of increase or decrease in pressure or flow rate outside normal operating limits?	Satisfactory
<u>General Comment:</u> <i>No increase or decrease in flows outside the normal operating limits.</i>		
[192.603(b)][192.605(c)(1)(iii)]	Does the operator maintain documentation for responding to, investigating, and correcting the cause of loss of communications?	Satisfactory
<u>General Comment:</u> <i>No loss of communications occurred in 2014.</i>		
[192.603(b)][192.605(c)(1)(iv)]	Does the operator maintain documentation for responding to, investigating, and correcting the cause of operation of any safety device?	Not Applicable
<u>General Comment:</u> <i>The operator has not had any operations of any safety devices.</i>		
[192.603(b)][192.605(c)(1)(v)]	Does the operator maintain documentation for responding to, investigating, and correcting the cause of any other foreseeable malfunction of a component, deviation from normal operation, or personnel error which may result in a hazard to persons or property?	Satisfactory
<u>General Comment:</u> <i>The operator has numerous commercial power losses at the compressor station.</i>		
[192.603(b)][192.605(c)(2)]	Does the operator maintain documentation of checking variations from normal operation after abnormal operation has ended at sufficient critical locations in the system to determine continued integrity and safe operation?	Satisfactory
<u>General Comment:</u> <i>No issues were identified after making corrective actions.</i>		
[192.603(b)][192.605(c)(3)]	Does the operator maintain documentation of notifying responsible operator personnel when notice of an abnormal operation is received?	Satisfactory

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<u>General Comment:</u>		
<i>Ameren maintains documentation of notifications received and the corrective actions taken. Staff reviewed the following: Lincoln Abnormal Operation Log</i>		
[192.603(b)][192.605(c)(4)]	Does the operator maintain documentation for periodically reviewing the response of operator personnel to determine the effectiveness of the procedures controlling abnormal operation and taking corrective action where deficiencies are found?	Satisfactory
<u>General Comment:</u>		
<i>Staff reviewed the actions taken during periods of abnormal operations and no deficiencies were identified 2014.</i>		
[192.603(b)][192.619,192.621,192.623]	Is the operator maintaining documentation verifying their Maximum Allowable Operating Pressure(s)? (MAOP)	Satisfactory
<u>General Comment:</u>		
<i>Decatur Engineering maintains the documentation regarding the system MAOP. Maps are utilized to record the current MAOP of piping in the Storage Field. Engineering establishes the pressure at which new piping shall be tested for new installation and to ensure the current MAOP is maintained. Staff reviewed the following: LSF Storage Field MAOP 833 psig.</i>		
CONTINUING SURVEILLANCE RECORDS		Status
[192.709(c)][192.613(a)]	Has the operator reviewed continuing surveillance records for class location changes, failures, leak history, corrosion, changes in cathodic protection, and other unusual operating and maintenance conditions?	Not Checked
<u>General Comment:</u>		
<i>Class location surveys are performed by Transmission Integrity Group. These records will be reviewed during the Transmission Integrity Department audit.</i>		
CLASS LOCATION CHANGE		Status
[192.709(c)][192.609]	Does the operator maintain documentation when the class location changes for a segment of pipe operating at a hoop stress that is more than 40% SMYS?	Not Checked
<u>General Comment:</u>		
<i>On July 16, 2014 Ameren changed the class location at the Lincoln Storage area from a class 3 to a class 1/2 this change will affect leak surveys and patrols.</i>		
DAMAGE PREVENTION RECORDS		Status
<u>Category Comment:</u>		
<i>Locates for the Lincoln Storage Field are performed by contract locators. These records are maintained by the Belleville Damage Prevention Group and are reviewed during a separate audit. There were no damages on the storage field piping due to third party damages.</i>		
[192.709(c)][191.17(a)]	Did the operator track the number of damages per 1000 locate requests for the previous years?	Not Checked
Has the number of damages increased or decreased from prior year?		Not Checked
[192.709(c)][192.617]	Does the operator track records of accidents due to excavation damage to ensure causes of failures are addressed to minimize the recurrence?	Not Checked

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[192.709(c)][192.614(c)(3)]	Does the operator provide documentation pertaining to notification of excavation, marking, positive response, and the availability and use of the one call system?	Not Checked
Does the operator have a Quality Assurance Program in place for monitoring the locating and marking of facilities?		Not Checked
Do pipeline operators include performance measures in facility locating contracts?		Not Checked
[IL ADM. CO.265.100(b)(1)]	Was third party damage to mains involving a release of gas reported to ICC JULIE Enforcement? http://www.icc.illinois.gov/julie/	Not Checked
Has the Operator adopted applicable section of the Common Ground Alliance Best Practices?		Not Checked
If no, were Common Ground Alliance Best Practices discussed with Operator?		Not Checked
EMERGENCY PLANS		Status
[192.603(b)][192.615(b)(1)]	Are supervisors, responsible for emergency action, furnished copies of the latest edition of the Emergency Plan?	Satisfactory
<u>General Comment:</u> <i>Staff verified the latest version of the emergency plan as July 2, 2014. The Storage Emergency Manual version dated 7-2-2014.</i>		
[192.603(b)][192.615(b)(2)]	Has the operator maintained documentation that the appropriate operating personnel have received training to assure they are knowledgeable of emergency procedures and that the training was effective?	Satisfactory
<u>General Comment:</u> <i>Staff verified that storage field personnel were provided training on the emergency plan 3-10-2014 (Annual Emergency Plan and Security Plan Review). Staff verified that storage field personnel were provided training on the O&M Manual. January 2014 (Gas Storage O&M Change Review. 6-16-2014)</i>		
[192.603(b)][192.615(b)(3)]	Has the operator maintained documentation of employee activity reviews to determine whether the procedures were effectively followed in each emergency?	Not Applicable
<u>General Comment:</u> <i>The operator did not report any emergencies at this location. No reviews of employee's activities were required due to no emergencies occurring in 2014.</i>		
[192.603(b)][192.615(c)]	Has the operator maintained documentation that the operator established and maintained liaison with appropriate fire, police and other public officials?	Satisfactory
<u>General Comment:</u> <i>Staff verified that a meeting was held with Lincoln</i>		
[192.603(b)][192.615(a)(3)]	Did the review of emergency response time intervals regarding odor/leak complaint documentation indicate adequate emergency response intervals were achieved?	Not Applicable
<u>General Comment:</u>		

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<i>The local operating center handles all leak complaints calls that may involve the storage facilities.</i>		
[192.603(b)][192.615(a)(11)]	Has the operator maintained documentation of actions that were required to be taken by a controller during an emergency?	Not Applicable
<u>General Comment:</u> <i>No actions were required by the controller due to an emergency as no conditions that met an emergency occurred at Lincoln Storage. Alarms observed by Gas Control were reported and responded to by storage personnel in a timely manner in 2014. These were compressor shutdowns due to loss of commercial power and high level alarms on the discharge scrubbers.</i>		
ODORIZATION OF GAS		Status
[192.709(c)][192.625(f)]	Where required, has the operator maintained documentation of odorant concentration level testing?	Not Checked
<u>General Comment:</u> <i>Odorant concentration level testing results are performed by the local operating centers. Records are not maintained by the Storage Field.</i>		
[192.709(c)][192.625(e)]	Where required, has the operator maintained documentation of odorizer tank levels?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed records and verified that odorizer tank levels were maintained as required.</i>		
PATROLLING & LEAKAGE SURVEY		Status
[192.709(c)][192.705]	Does the operator maintain documentation of a patrol program as required?	Satisfactory
<u>General Comment:</u> <i>On a letter dated July 16, 2014 Ameren Change the patrol from twice a year to once a year, they made the change to a class 1/2. The letter states: It appears that these two storage fields have been patrolled as Class 3 at least the last 10 years, perhaps because it was a CILCO policy at one time. The patrol was done on 4/25/2014 once each year.</i>		
[192.709(c)][192.706]	Does the operator maintain documentation of leakage survey(s) performed on a transmission pipeline?	Satisfactory
<u>General Comment:</u> <i>The Lincoln Storage Field leak survey was conducted on 4/25/2014. This is now a Transmission Class 1 & 2 Leak survey. The compressor station and above ground piping are also included in the leak survey.</i>		
ABANDONMENT or DEACTIVATION of FACILITIES PROCEDURES		Status
[192.603(b)][192.727(b)]	Did the operator maintain documentation demonstrating that each pipeline abandoned in place was disconnected from all sources and supplies of gas, and purged of gas?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed work packets at Ashmore Storage and verified that each pipeline abandoned in place was disconnected from all sources of supply and was purged of gas. Records reviewed were reviewed of purging gas from the pipe.</i>		
[192.603(b)][192.727(c)]	Did the operator maintain documentation demonstrating	Satisfactory

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	that each inactive pipeline that is not being maintained under this part was disconnected from all sources and supplies of gas; purged of gas?	
General Comment: Abandoned piping was maintained on maps in the associated work packets.		
[192.603(b)][192.727(e)]	Did the operator maintain documentation when air was used for purging that a combustible mixture was not present after purging?	Satisfactory
General Comment: The operator procedures called for using a Sensit Gold to monitor the gas air mixture coming from the purge stack.		
[192.727(g)][192.727(g)]	Did the operator maintain documentation for each abandoned onshore pipeline facility that crosses over, under or through a commercially navigable waterway?	Not Applicable
General Comment: There is no commercially navigable waterways in the Lincoln Storage Field Area.		
COMPRESSOR STATION		Status
[192.709(c)][192.731(a)]	Has the operator maintained documentation of the compressor station relief devices at a minimum of 1 per year/15 months?	Not Applicable
General Comment: There are no pressure regulators at the station utilized to control pressure during the storage process. The flow control valves utilized to control flow during the early stages of injection and during withdrawal.		
[192.709(c)][192.731(c)]	Has the operator maintained documentation compressor station emergency shutdown at a minimum of 1 per year/15 months?	Satisfactory
General Comment: Staff reviewed the following document Storage Field Fire & Gas Detection Alarm Inspection and verified that the operator had completed the compressor station emergency shutdown of the compressor's. Storage Field Fire Detection Alarm Inspection 6-18-14 & 12-3-14 Fire Detection Alarm System-Annual Inspection 6-18-14		
[192.709(c)][192.736(c)]	Has the operator maintained documentation of the compressor stations – detection and alarms?	Satisfactory
General Comment: Staff had written an NOPV for failure to conduct a recalibration of the control module shall be completed quarterly and shall be reported by the Operations Supervisor-Gas Storage on the Storage Field Fire/Gas Detector Alarm Inspection Form of electronic equivalent. Staff reviewed the following document: (Storage Field Gas Detection Alarm Inspection) Dates of inspection: 1/30/14 6/4/14 9/22/14 12/8/14		

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Staff's review of the operator's 2014 records of the quarterly recalibration of the control module for the fixed gas detection and alarm system confirmed that the inspections have been completed as required, staff can correct this NOPV with this report.

PRESSURE LIMITING AND REGULATION		Status
[192.709(c)][192.739(a)]	Is the operator inspecting and testing the pressure limiting and regulating stations at a minimum of 1 per year/15 months?	Satisfactory
General Comment: There are no regulators utilized for pressure regulation at Lincoln Storage. The flow controllers utilized at Lincoln Storage are inspected by the Peoria Regulator Technicians.		
[192.709(c)][192.743(a)]	Is the operator inspecting pressure limiting and regulating stations for adequate capacity at a minimum of 1 per year/15 months?	Satisfactory
General Comment: Compressor relief valve performance: O&M Code 192.731 Anderson Greenwood relief device 4 devices inspection date 6-19-14		
[192.709(c)][192.743(b)]	If the operator used calculations to determine sufficient capacity, were the calculation reviews documented at a minimum of 1 per year/15 months?	Satisfactory
General Comment: Ameren has capacity calculations for the reliefs in the system. These records were checked at Decatur Plaza.		
[192.709(c)][192.743(a),192.743(b),192.195(b)(2)]	Is overpressure protection provided by the supplier pipeline downstream of the take point?	Not Applicable
General Comment: The MAOP of the transmission line is the same MAOP of the transmission line feeding the system		
[192.709(c)][192.743(a)]	If Yes, does the operator have documentation to verify that these devices have adequate capacity?	Not Applicable
General Comment: The MAOP of the transmission line is the same MAOP of the transmission line feeding the system		
VALVE MAINTENANCE		Status
[192.709(c)][192.745(a),192.745(b)]	Did the operator inspect and partially operate transmission valves that might be required during any emergency at a minimum of 1 per year/15 months?	Satisfactory
General Comment: Staff verified that valves associated within the storage field were inspected as required.		
[192.709(c)][192.749]	Did the operator inspect and maintain vaults > 200 cubic feet at a minimum of 1 per year/15 months?	Not Applicable
General Comment:		

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<i>There are no vaults in the transmission system that meets the 200 cubic foot requirements.</i>		
[192.709(c)][192.179]	Are transmission line valves being installed as required of 192.179?	Not Applicable
<u>General Comment:</u> <i>The operator has not installed any valves that required to be placed at certain distances.</i>		
[192.709(b)][192.745(b)]	Did the operator take prompt remedial action to correct any valve found inoperable, unless an alternative valve was designated?	Not Applicable
<u>General Comment:</u> <i>The operator did not have any valves that were found to be inoperable during the inspection cycle.</i>		
Investigation Of Failures		Status
[192.709(c)][192.617]	Did the operator experience accidents or failures requiring analysis?	Not Applicable
<u>General Comment:</u> <i>No failure occurred in the Lincoln Storage Field that required analysis during 2014.</i>		
WELDING OF STEEL PIPE		Status
[192.603(b)][192.225(b)]	Does the operator have documentation for their qualified welding procedure?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed the qualified welding procedure used at the Lincoln Storage Field for project pipe. Welding Procedure ENE-Ameren-002 Rev 2 Weld: S6070. Process/Code SMAW-/API 1104 20th Edition API 5L grades or greater than X42 thru X60, ASTM Grade Y-42 thru Y-60</i>		
[192.603(b)][192.227, 192.229]	Does the operator have documentation of welder qualification documentation as required?	Satisfactory
<u>General Comment:</u> <i>Cory Rawlins was qualified welder for Ameren Illinois, Requalification Date 9-10-2015</i>		
[192.807]	Does the operator have documentation of welder OQ records?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed the Operator Qualification for Cory Rawlins OQ Date 11/19/2014 Expiration Date 11/19/2017</i>		
[192.709][192.243(b)(2)]	Does the operator have documentation of NDT personnel qualification as required?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed the qualification for Leslie D. Owens for NDT Testing.</i>		
[192.709][192.243(f)]	Does the operator have documentation of NDT testing performed?	Satisfactory

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<u>General Comment:</u>		
Staff reviewed the weld test reports for NDT testing performed in 2014, there were no cut out or failures found during the NDT.		
CORROSION CONTROL RECORDS		Status
[192.491(a)][192.491(a)]	Has the operator maintained maps or records of cathodically protected piping, cathodic protection facilities, galvanic anodes, and neighboring structures bonded to the cathodic protection system	Satisfactory
[192.491][192.459]	Has the operator maintained documentation of examination when buried pipe was exposed?	Satisfactory
<u>General Comment:</u>		
Staff reviewed buried pipe examination reports filled out during construction projects. No issues were reported in 2014.		
[192.491][192.465(a)]	Has the operator maintained documentation of annual pipe-to-soil monitoring performed at a minimum of 1 per yr/15 months and/or isolated services or short sections of main less than 100 feet at a minimum of 10% annually?	Satisfactory
<u>General Comment:</u>		
Staff reviewed all the pipe-to-soil readings for the storage area all reading were found to be in compliance with -.85 volt criteria.		
[192.491][192.465(b)]	Has the operator maintained documentation of rectifier or other impressed current power sources inspections at a minimum of 6 per year/ 2 1/2 months?	Satisfactory
<u>General Comment:</u>		
Records where verified indicating that the rectifier were inspected as required by this section.		
[192.491][192.465(c)]	Has the operator maintained documentation of each critical interference bond, reverse current switch, diode, etc. inspections at a minimum of 6 per year/ 2 1/2 months and/or non-critical interference bond inspections at a minimum of 1 per year/15 months?	Satisfactory
<u>General Comment:</u>		
Staff reviewed non-critical bonds for 7 bonds that were checked in 2014		
[192.491][192.465(d)]	Has the operator taken prompt remedial actions to correct any deficiencies indicated by the monitoring?	Satisfactory
<u>General Comment:</u>		
No corrective actions were required due to the survey performed in 2014.		
[192.491][192.465(e)]	Has the operator maintained documentation of unprotected pipeline surveys, inspections, or tests at a minimum of 3 years/39 months?	Not Applicable
<u>General Comment:</u>		

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<i>There are no unprotected pipelines in the Lincoln Storage Field.</i>		
[192.491][192.467(a),192.467(c),192.467(d)]	Has the operator maintained documentation of inspections or tests for electrical isolation including casings?	Satisfactory
<u>General Comment:</u> <i>There are no casings in the storage field the only casing that was in the field was abandoned in 2012.</i>		
[192.491][192.469]	Does the operator have a sufficient number of test stations or other contact points for electrical measurement to determine the adequacy of cathodic protection?	Satisfactory
<u>General Comment:</u> <i>The Lincoln Storage Field has 35 test point on its system.</i>		
[192.491][192.471]	Has the operator maintained documentation of corrective actions taken when a test lead is no longer electrically conductive?	Satisfactory
<u>General Comment:</u> <i>No test points were identified needing corrective action.</i>		
[192.491][192.473(b)]	Has the operator maintained documentation of inspections or tests to assure their cathodic protection system is not affecting adjacent underground metallic structures?	Satisfactory
[192.491][192.475(a)]	Has the operator maintained documentation of investigations or steps taken to minimize internal corrosion due to transportation of corrosive gas?	Not Applicable
<u>General Comment:</u> <i>The operator has not encountered any internal corrosion problems in 2014.</i>		
[192.491][192.475(b)]	Has the operator maintained documentation of internal surface inspections performed when pipe is removed for any reason?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed Buried Pipe Examination report and noted that internal corrosion pipe conditions.</i>		
[192.491]	Has the operator maintained documentation of written procedures supported by as-built drawings or other construction records?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed as-builds drawings of new installed pipe in 2014.</i>		
[192.491][192.477]	Has the operator maintained documentation of internal corrosion coupon monitoring at a minimum of 2 per year/ 7 1/2 months?	Satisfactory
<u>General Comment:</u>		

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<i>Staff reviewed the following document: Corrosion Coupon weight loss monitor sites status report. This contains all the information about corrosion monitoring.</i>		
[192.491][192.479]	Has the operator maintained documentation of corrective action where atmospheric corrosion was discovered?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed the leak survey reports and no issues with atmospheric corrosion were noted on the leak survey reports.</i>		
[192.491][192.481]	Has the operator maintained documentation of atmospheric corrosion control monitoring at a minimum of 1 per 3 years/ 39 months?	Satisfactory
<u>General Comment:</u> <i>Ameren has a waiver to conduct Atmospheric corrosion during the leak survey cycle. No issues were identified during the 2014 atmospheric corrosion survey.</i>		
[192.491][192.483(a), 192.483(b), 192.483(c)]	Has the operator maintained documentation demonstrating that pipe removed due to external corrosion has been repaired or replaced with pipe that was coated and cathodically protected?	Not Applicable
<u>General Comment:</u> <i>No piping was removed due to external corrosion in 2014.</i>		
TRAINING - 83 IL ADM. CODE 520		Status
[520.10(a) (1)]	Has the operator maintained documentation demonstrating that personnel have received adequate training?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed training documents Ameren Brands Training Module 1, 2, & 3 Safety Training 9 subjects were listed in the records inspected.</i>		
[520.10(a) (2)]	Do training records include verbal instruction and/or on the job training for each job classification?	Satisfactory
<u>General Comment:</u> <i>These records will be required to be checked at the Pawnee Training Center at a later date.</i>		
[520.10(b)]	Has the municipal operator maintained documentation demonstrating that personnel have received adequate training?	Not Applicable
<u>General Comment:</u> <i>This is Public Utility.</i>		
[520.10(a)(5)]	Are procedures periodically updated to include new materials, new methods of operation and installation, and changes in general procedures?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed sections of the Operation and maintenance manual.</i>		

STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE

RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.